



The international ecosystem for accelerating the transition to Safe-and-Sustainable-by-design materials, products and processes

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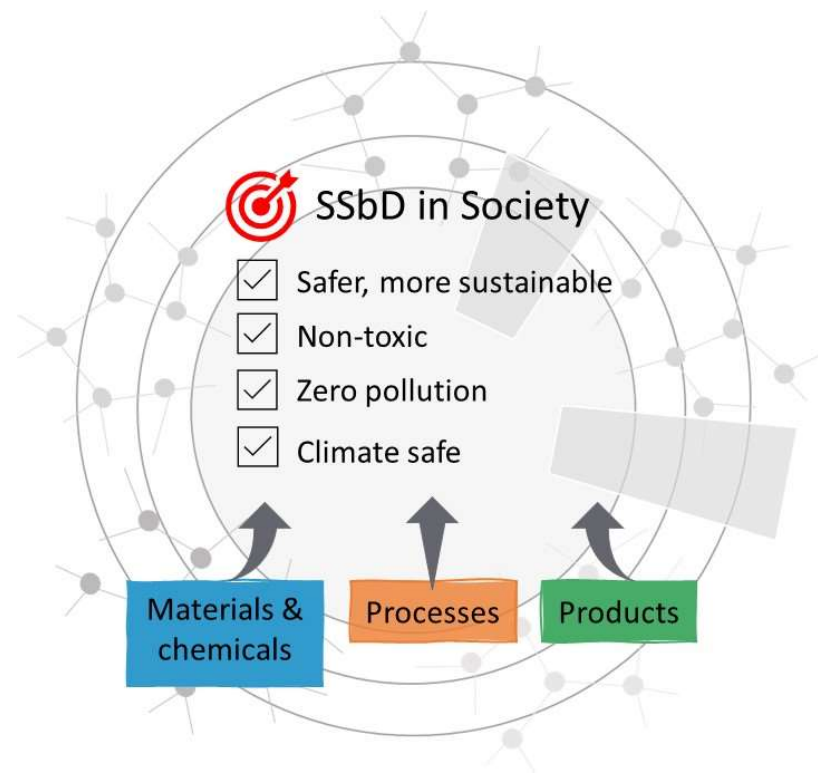


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Scope

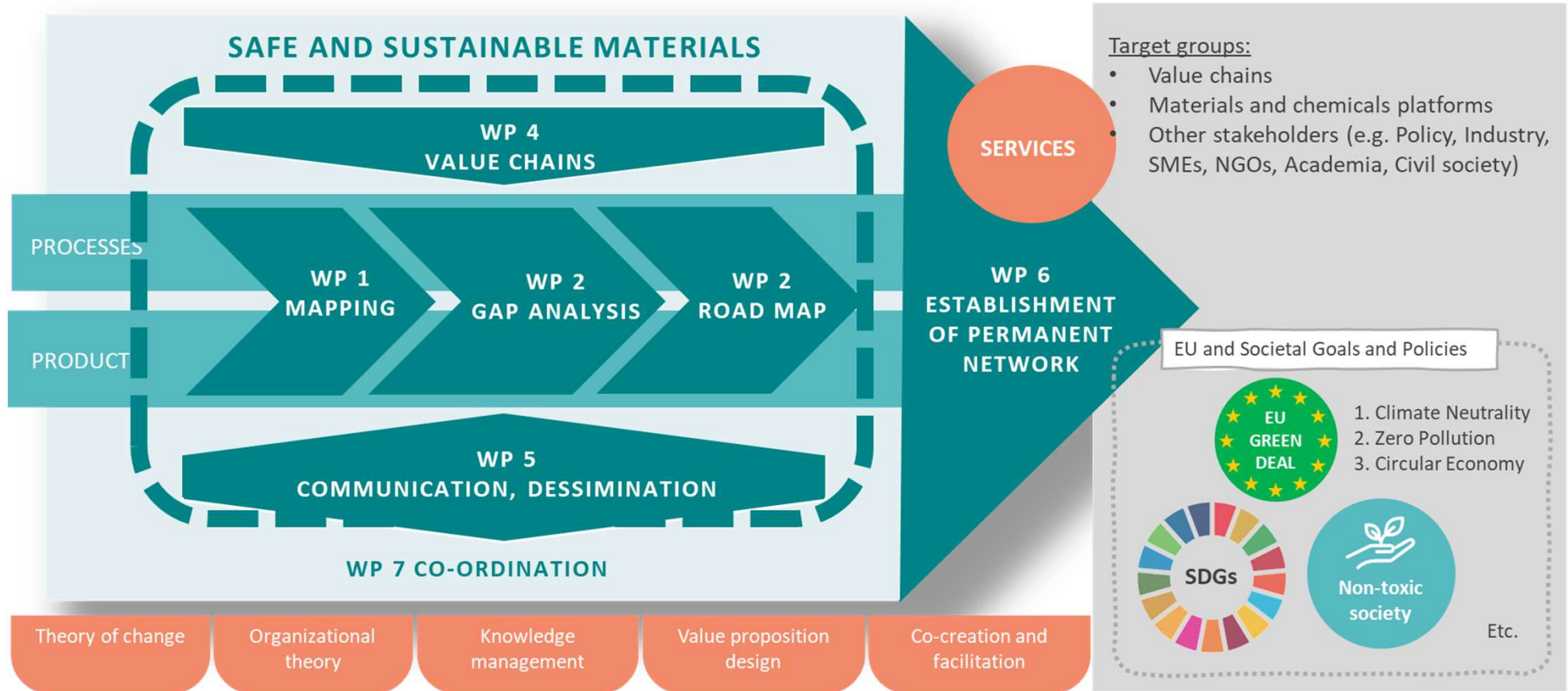


The IRISS project aims to connect, synergize and transform the SSbD community in Europe and globally towards a life cycle thinking

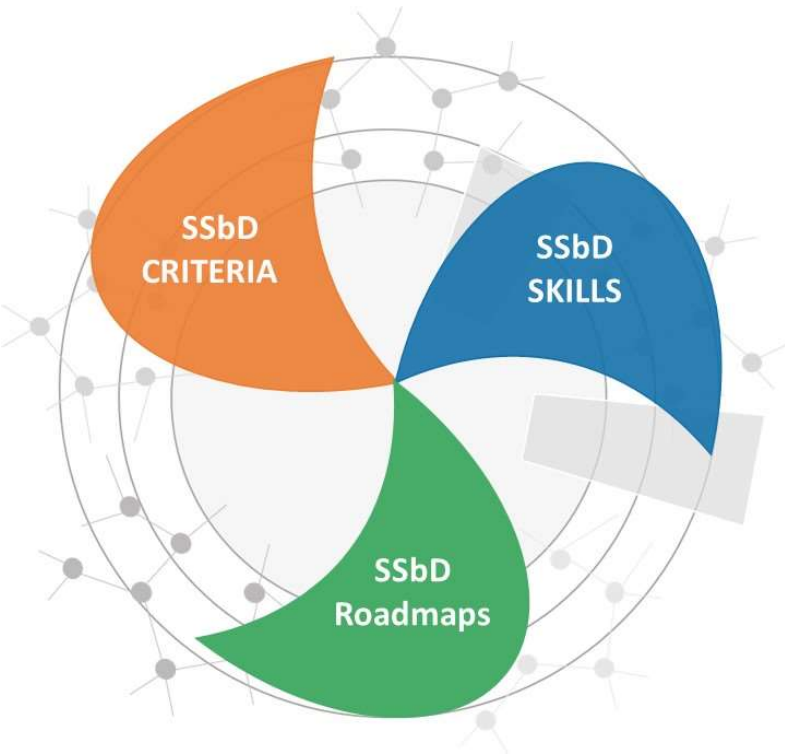
- Building, sharing and transferring the skills and knowledge on SSbD
- Develop a global permanent network for long term cooperation between the networking members, engaging partners beyond the consortium, throughout and beyond the duration of the project
- Focus on materials including both products and processes, considering the extensive progress to-date in chemicals and nanotechnology fields
- Strongly support the SSbD implementation in industry to achieve more safe and sustainable products for society
- Establish cooperation mechanisms with relevant international initiatives to align and leverage the extensive international community
- Establish collaboration with industry, EC and the projects that are working with SSbD concepts



Organisation



Activities



- Compiling SSbD criteria and guiding principles
- Building skills and identifying competence gaps
- Co-creating and regularly updating roadmaps that ensure alignment between R&D, governance and industry
- Developing a working framework for establishment of an expanded SSbD community, creating a common mechanism to engage, mobilize and bring together diverse stakeholders



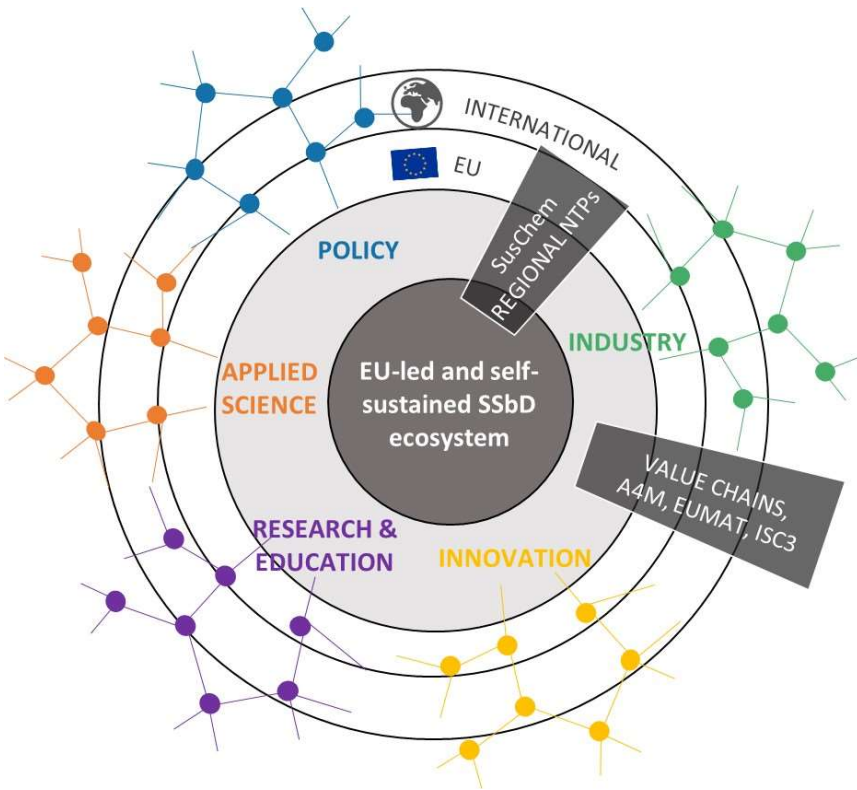
Building an International permanent SSbD community

- A structure for continuous cooperation and services to network members, potential members, network associates as well as other stakeholders with interests in SSbD
- Definition of services provided by the platform and testing of services addressed to different key target groups
 - Training service for SMEs
 - Service for start-ups to boost business collaboration with industry
 - Co-creation service to establish hubs for specific value chains
 - Knowledge exchange services
 - Knowledge sharing services





IRISS Consortium



National Institute for Public Health and the Environment
Ministry of Health, Welfare and Sport



Empa
Materials Science and Technology



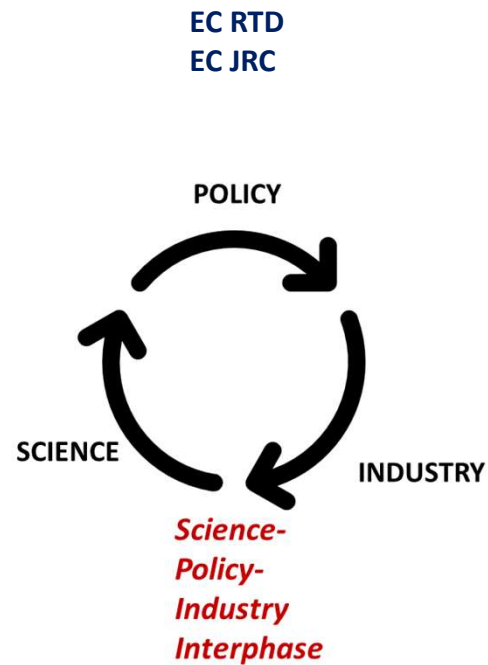
NATIONAL TECHNICAL UNIVERSITY OF ATHENS





Progress on the development of SSbD supportive roadmap

- IRISS-PARC collaboration
- IRISS-ongoing H2020 and HE projects
- IRISS-OECD synergies



- Packaging
- Textiles
- Construction chemicals
- Automotive
- Energy materials
- Electronics





IRISS: Progress on the development of SSbD supportive roadmap



Building structural and efficient information sharing process and network



JRC TECHNICAL REPORT

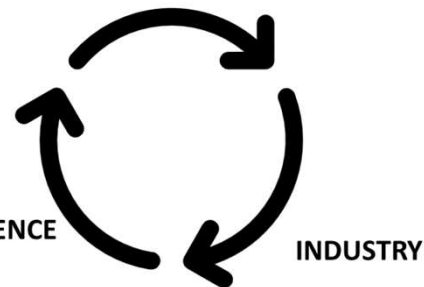
Safe and Sustainable by Design
chemicals and materials

Policy:

IRISS structural dialogue with:

- EC RTD
- EC JRC

POLICY



*Science-
Policy-
Industry
Interphase*



Industry:

IRISS consortium consists of NTPs including:

- **Packaging** (IPC; Industrial Technical Centre for Plastics and Composites)
- **Textiles** (ETP; EU Technology Platform for the Future of Textiles & Clothing)
- **Construction chemicals** (EFCC; European Federation for Construction Chemicals)
- **Automotive** (CLEPA; European Association of Automotive Suppliers)
- **Energy materials** (EMIRI; Energy Materials Industrial Research Initiative)
- **Electronics** (INL; International Iberian Nanotechnology Laboratory)



Science:

Initial steps on operationalization of SSbD SCIENCE

- IRISS-PARC collaboration
- IRISS-ongoing H2020 and HE projects

Bringing science to harmonization and standardization

- IRISS-OECD synergies



Workshop on the application of SSbD in materials and chemicals

- Objective of the workshop
 - To support the state-of-the-art mapping activities in SSbD
 - To obtain first insights on how to translate the framework for SSbD criteria to practical methodologies and tools for SSbD
 - To identify the applicability of the framework, alongside challenges and barriers from a value chain perspective of SSbD
- When: 25th November 0900-1300 CET
- How: Visit www.iriss-ssbd.eu for event registration





Join our network!



Open to collaborate



Open to develop synergies



Open to co-create

Early Bird? Visit www.iriss-ssbd.eu to sign up for news, events and follow the progress of the project
Official launch of network May 2024



<https://www.iriss-ssbd.eu/>

Thank you!

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